

Your
Seattle
City Light

Memorandum

Wf  747
~~1001~~

DATE : September 1, 1977
TO : Pete Henault
FROM : Carole V. Coe *Carole Coe*
SUBJECT : PCB's at Bothell Substation

As a result of a great deal of enlightenment by Federal and State agencies such as OSHA, EPA, and WISHA, City Light employees have become increasingly concerned with the affects on their health from exposure to PCB's (Polychlorinated Byphenols). Instructions on the safe handling and disposal of this material were discussed at every safety meeting. Protective clothing is furnished. Procedures on handling spills were instituted and test samples of drinking water, pond water, and marsh water at Bothell Substation were analyzed by Food Chemical and Research Laboratories, Inc.

Ultimately, the Federal Environmental Protection Agency's Drinking Water Section became interested in the condition at Bothell Substation because their analysis of samples revealed that slight traces of PCB were found in the well water. On August 30, 1977, Lee Peha of our Safety Unit met with local EPA representatives Mr. Steffani, Mr. Jones, and Mr. Sceva, their geologist, to discuss PCB's in the drinking well water at Bothell Sub.

Apparently, a report of their analysis was sent to their Washington D. C. headquarters for review. The local EPA office has been directed to investigate the possibility that residential wells in the area may also have become contaminated. It is their feeling that since City Light facilities would possibly be the only source for this contamination, we should obtain the water samples and have them analyzed at our cost. Mr. Peha advised them that he could not authorize this expenditure or investigation as the problem of possible PCB in the adjoining water systems would fall with the Lighting Department's Office of Environmental Affairs.

Mr. Jones directed Mr. Sceva to visit the Bothell site, along with a representative of the State EPA office. As the Environmental Affairs Office has been doing a great deal of work in this area and is possibly more informed on the subject than others in the Lighting Department, and in consideration of the potential implications of this investigation, Lee Peha feels that a representative of your office should escort these people to the Bothell site.

~~If you cannot arrange to contact Mr. Sceva at 442-2237 by September 7, 1977, as they are anxious to move on this matter.~~ Also, attached is a copy of the EPA study of Bothell Substation water samples.

LP:pl

Attachment

cc: Vickery
Walker
Coe
Peha
File
CTY0069550

Results* of City Light Samples, Bothell Substation

<u>Lab #</u>	<u>Description</u>	<u>1248/1254</u>	<u>1260</u>	<u>Total</u>
17400	Control Building, T1000	0.44	0.58	1.0
17401	Holding pond, T1005	0.10	neg	0.1
17402	Swamp, T1015 (Sediment)	70.	neg	70.

* Results expressed as ppb.

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